

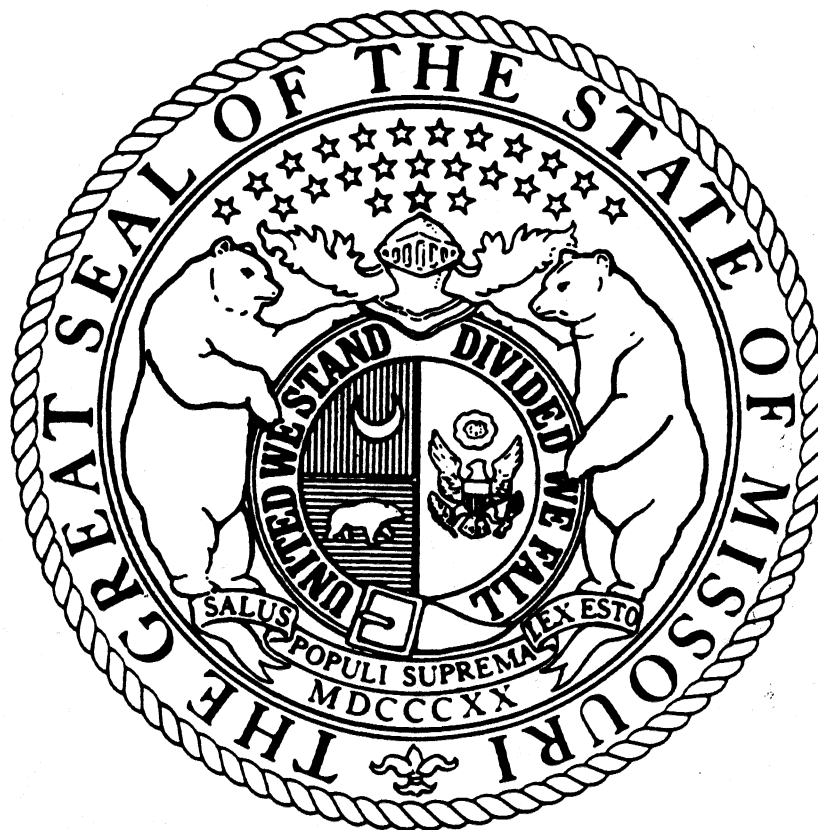
RECYCLING AND WASTE REDUCTION REPORT

STATE OF MISSOURI

FISCAL YEAR 2000

ST LOUIS COUNTY LIBRARY
MISSOURI DEPOSITORY

MAR 13 2001



Prepared By:

State of Missouri, Office of Administration

In Consultation With The

Environmental Improvement and Energy Resources Authority

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ACKNOWLEDGMENTS

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Special thanks to the Missouri Interagency Recycling Committee (MIRC), department recycling coordinators and purchasing staff of the agencies who contributed to this report, for their ongoing efforts to reduce, reuse, recycle, and buy recycled-content products.

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BACKGROUND

Legislation involving waste reduction, procurement of recycled products and recycling collection was enacted in late 1989. Chapter 34 of the Missouri Revised Statutes, sections 34.031 and 34.032, created the State Recycling Program, and also re-emphasized recycled product procurement by establishing a 10% price preference. This price preference was eliminated in 1995 by House Bill 562.

A comprehensive solid waste law was passed in 1990 to further promote waste reduction, resource recovery and market development. The law included:

- *Development of localized solid waste management plans**
- *Creation of a solid waste management fund**
- *Landfill bans on yard waste, lead-acid batteries, waste oil, major appliances, whole tires, and small quantities of hazardous waste.**

Governor Carnahan announced the creation of the Missouri Interagency Recycling Committee (MIRC) in 1994. The committee, composed of representatives from each of the state departments, meets semi-annually to discuss issues dealing with recycling collection, waste reduction, recycling market conditions and recycled product procurement.

RSMo 34.032.5 mandates that each department and state agency develop and implement, in cooperation with the Office of Administration, a policy for recycling and waste reduction. It further states that recycling programs for agency offices located outside of the City of Jefferson should be coordinated through the Office of Administration or operated locally provided that the Office of Administration reviews and approves such programs.

The FY00 State Recycling and Waste Reduction Report prepared by the Office of Administration in consultation with the Environmental Improvement and Energy Resources Authority (EI ERA) of the Department of Natural Resources summarizes state recycling, waste reduction and procurement activities for the period of July 1, 1999 through June 30, 2000.

The purpose of the report is to summarize and document the program's accomplishments in fiscal year 2000 and establish goals for fiscal year 2001. Many of the FY01 goals listed in this report have been incorporated from the Office of Administration, Division of Purchasing and Materials Management's (OA/DPMM) FY01 strategic plan.

The Missouri Revised Statutes may be viewed or downloaded from the Internet at <http://www.moga.state.mo.us/homestat.htm>.

FISCAL YEAR 2000 HIGHLIGHTS

OA/DPMM continues to expand efforts to promote the State Recycling Program. In addition to achieving many of the FY00 goals, the State Recycling Program accomplished many other significant tasks. These accomplishments are listed below according to category.

Recycling Collection

- **Assisted the University of Missouri Outreach and Extension office in developing a "Green Campus" program for State colleges and universities. Approximately 100 people attended Missouri's first Green Campus Conference on May 17th at the Reynolds Alumni Center, University of Missouri, Columbia. Participants represented administration, faculty, students, environmental services, laboratories, energy programs, purchasing, and campus operations from eighteen colleges and universities.**
- **Acquired over 300 used recycling bins from the State Agency for Surplus Property to be utilized in Jefferson City area state offices.**
- **The Missouri House of Representatives purchased over 230 individual recycling bins for offices within the State Capitol.**
- **The Department of Natural Resources, Solid Waste Program organized a waste sort for the Missouri State Fair. The sort was performed over a three-day period at the fairgrounds. In addition to the four tons of cardboard that was recycled, nearly 1,700 tons of straw and manure were collected and composted on site.**

Environmentally Preferable (EP) Procurement

- **Partnered with the City of Kansas City to host the KC Metropolitan Green Purchasing Vendor Fair & Workshop on May 10th at the Bartle Hall in Kansas City. The complimentary vendor fair targeted local, regional, and national vendors to bring hands-on examples of recycled content items and energy saving devices. Attendees from the City of Kansas City, Jackson County, the States of Missouri and Kansas, and federal employees from over 130 agencies staffed in the Metropolitan region attended the vendor fair.**
- **Partnered with the St. Louis County Health Department to host the Gateway Green Vendor Expo on October 13, 1999, at the St. Louis Science Center. Over 213 government and institutional purchasers attended the one-day event. This event brought together purchasing agents and suppliers to promote buying recycled and environmentally preferable products and services.**

- Continued development and distribution of fact sheets for EP products and services available on statewide contract. Fact sheets were sent to the MIRC and the State Purchasing Committee for distribution to all state agencies. Copies were also sent with regular quarterly mailings to over 1,200 Cooperative Procurement Members.
- Continued efforts within OA/DPMM to identify statewide contract items, such as paper, computer paper and office supplies that should be offered in both virgin and recycled content form. OA/DPMM also revised language in the statewide contract for hazardous waste disposal services to promote waste reduction and recycling in addition to proper handling of hazardous waste. The statewide contract for tires and tubes was revised to add a separate line item for re-tread or re-capped tires to aid in tracking purchases.
- Introduced recycled product vendors to the State Purchasing Committee in an effort to promote the purchase of recycled content and environmentally preferable materials.
- Participated in the Environmentally Preferable Purchasing Network (EPPNET) Internet discussion group sponsored by the Northeast Recycling Council (NERC). The discussion group exchanges environmental purchasing information with other jurisdictions. The participants come from across the nation and bring a wide range of experience, which has been shared with State agency personnel when applicable.

Promotion and Education

- Organized a paper making activity for school children attending the Department of Natural Resources' Earth Day Celebration at the State Capitol.
- Assisted with a paper making activity at the 1999 River Rendezvous, an arts and heritage festival held in Jefferson City, Mo.
- Displayed a variety of recycled content products in showcases at the Harry S Truman State Office Building.
- Continued individual meetings with MIRC representatives to address recycling, waste reduction, and procurement issues specific to their department.
- Coordinated a series of "Clean Your Files" (CYF) events in conjunction with the annual Missouri Recycles Day. In November, Jefferson City state employees collected over 46 tons of mixed office paper at 26 separate CYF events.
- Continued enhancements of the State Recycling Program web page on OA/DPMM's website.

- **Worked with the Missouri Recycling Association (MORA) and the Department of Elementary and Secondary Education (DESE) to develop and coordinate a poster contest to promote Missouri Recycles Day. Students ranging from K-12 grades submitted over 3,304 poster contest entries as compared to 2,254 received last year. Winning posters were made into a calendar that was distributed to 524 public school districts. Winners from all 13 grades were recognized at the Governor's Open House ceremony in November.**

In addition to the accomplishments above, OA/DPMM's State Recycling Coordinator continues to stay involved in environmental matters by serving on the Missouri Recycles Day Steering Committee, DNR's Pollution Prevention Coordinating Committees (P2C2), and serving on the Board of Directors for the Missouri Recycling Association (MORA).

MISSOURI INTERAGENCY RECYCLING COMMITTEE **(MIRC)**

The Missouri Interagency Recycling Committee (MIRC), composed of representatives from each of the state departments, meets semi-annually to discuss issues dealing with recycling collection, waste reduction, recycling market conditions, and recycled product procurement.

MIRC members began preparing in September for upcoming “Clean Your Files” (CYF) events. Lee Fox, with the Missouri Recycling Association, spoke to the MIRC about Missouri/America Recycles Day activities. The MIRC also discussed the Missouri Recycles Day Poster Contest.

In April, MIRC members reviewed the FY99 Annual Recycling and Waste Reduction Report. Obtaining accurate figures for collection and particularly procurement continues to be an obstacle.

Three sub-committees were created to deal with specific issues. Chairs of the committees were announced, along with projects and goals for each committee. The following committees were created:

**Education & Outreach; Chair, Pam Bax, Secretary of State’s Office
Procurement; Chair, Carol Rackers, Dept. of Elem. & Secondary Education
Recycling Collection; Chair, Kevin Wideman, Dept. of Transportation**

MISSOURI INTERAGENCY RECYCLING COMMITTEE (MIRC) MEMBERS

EXECUTIVE DEPARTMENT	MIRC MEMBER	PHONE NO.	E-MAIL ADDRESS
Office of Administration Div. of Purch. & Materials Mgmt. State Recycling Program HST, Room 580/P.O. Box 809 Jefferson City, MO 65102	Angela Gehlert State Recycling Coordinator	(573)751-1684 or (573)751-3384	gehlea@mail.oa.state.mo.us
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Dept. of Revenue	Ed Meldrum	(573)751-5575	emeldrum@mail.state.mo.us
Dept. of Social Services	John Giles	(573)751-3870	ygiles@mail.state.mo.us
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Office of the Secretary of State	Pam Bax	(573)751-4219	baxp@sosmail.state.mo.us
Office of the State Auditor			
Office of the State Treasurer			
JUDICIAL BRANCH			
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LEGISLATIVE BRANCH			
House of Representatives	Keith Sappington	(573)751-2739	ksapping@mail.state.mo.us
Senate	Dan Berendzen	(573)751-2945	N/A

ANNUAL STATE RECYCLING AWARD

Each fiscal year the MIRC committee recognizes a state department, agency, facility or institution for outstanding performance in recycling collection, waste reduction and/or recycled product procurement. Recipients are acknowledged and presented an award by the Governor.

It was decided that two awards would be presented for FY00 efforts; one for individual efforts and one for division or agency efforts.

FY00 INDIVIDUAL RECIPIENT – Ms. Cathy Brown, DPS, Missouri State Highway Patrol.

Ms. Brown implemented a recycling program at the Missouri State Highway Patrol General Headquarters complex and garage. Ms. Brown's efforts affected approximately 800 people at six separate buildings and have resulted in a 50% waste reduction.

FY00 DIVISION RECIPIENT – MoDOT's Maintenance Operations and General Services Divisions.

The Missouri Department of Transportation received its 3rd award for their environmental efforts.

MoDOT limited its use of new or virgin oil by specifying recycled oil in its bidding process.

Oil usage was drastically reduced by increasing the interval between oil changes without voiding manufacturers' warranties. This reduction saves the department approximately \$60,750 a year.

MoDOT also reduced the amount of heating oil purchased by approximately \$24,000 by using energy efficient used oil heaters to supplement winter heating in many of the department's maintenance buildings.

PAST RECIPIENTS:

1999 – Department of Transportation, Maintenance Division

1998 – Department of Transportation, Bridge Maintenance Division

1997 – Department of Mental Health, Fulton State Hospital, Brandt Vocational Enterprises

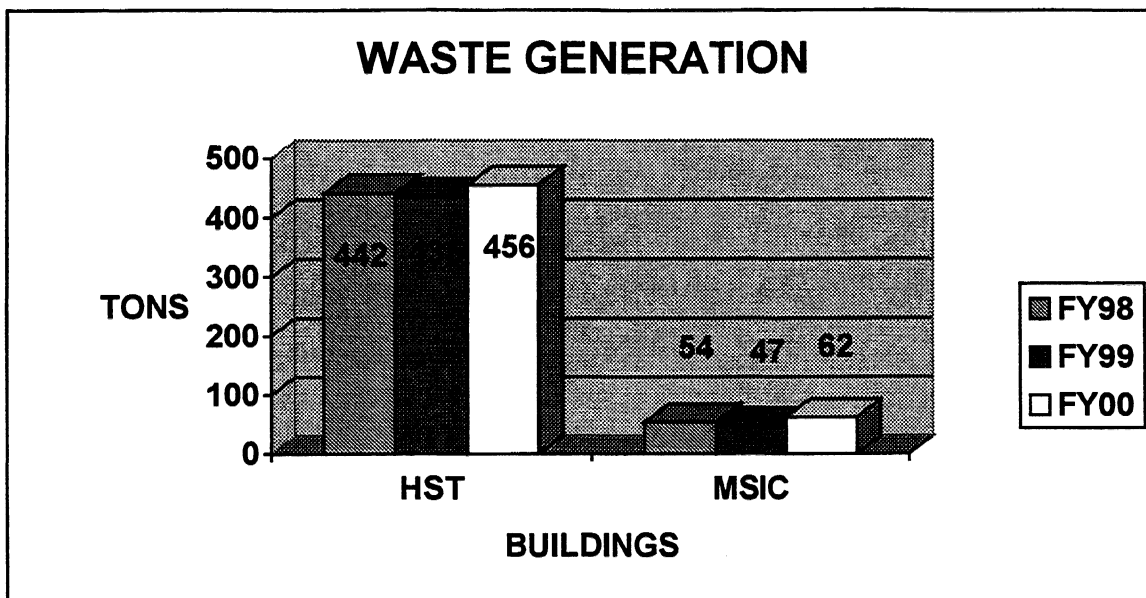
1996/1995 – Department of Conservation

1994 – Office of Administration, Division of Facilities Management, Springfield State Office Buildings

WASTE GENERATION

We examine both the contents and quantity of waste generated by state agencies to determine the effectiveness of current waste reduction and recycling efforts. The amounts reported in this section relate to waste destined for the landfill.

Collection figures for two state facilities are available from the state's contractor for trash removal services. The majority of state office buildings are billed for trash collection by a specific number of designated pickups, with no consideration for the amount (volume or weight) of the waste at the time of collection. The Harry S Truman State Office Building and the Missouri State Information Center use trash compactors, which are weighed when emptied at the landfill. The amount of waste generated from these two facilities has been monitored since July 1, 1996.

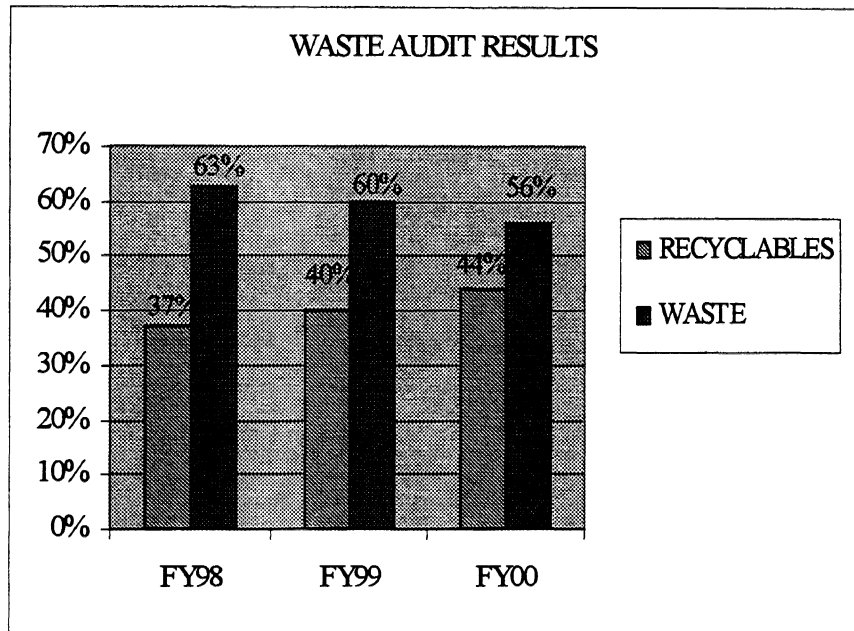


The amount of landfilled waste from these two facilities increased by 36 tons from FY99. OA/DPMM believes this increase is due in part to several factors.

- ◆ A healthy economy generally leads to increased purchases, thus increased waste.
- ◆ The collection of corrugated cardboard ceased in FY99 as OA/DPMM was unable to secure a contract for this service. OA/DPMM continues to work with OA/Facilities Management to resolve this problem.
- ◆ OA/DPMM believes the third and most important factor to be a lack of support, promotion, and education of recycling and waste reduction issues. OA/DPMM will continue to encourage and emphasize responsible recycling and waste reduction programs to state agencies.

Waste Audits

Eleven waste audits were conducted during FY00, involving the sorting and weighing of more than 925 lbs. of state waste destined for the landfill. The table below compares the amount of recyclable materials found in the waste stream that was covered by the recycling service contract for the central Missouri region.



As seen in the table above, the amount of recyclable materials found in the waste stream increased from 40% in FY99 to 44% in FY00. Although recycling collection figures for FY00 remained steady or increased, OA/DPMO believes the increase of recyclable material in the waste stream supports the idea that lack of support, promotion and education can drastically affect the waste stream. In many instances, employees were unaware that certain types of materials could be recycled.

Education and promotion of the State's recycling and waste reduction efforts has been, and continues to be essential for a successful recycling program. Every department of state government should incorporate recycling, waste reduction and environmentally responsible purchasing into their common practices. These issues should be addressed in strategic plans, new employee orientations, and employee performance plans.

RECYCLING FUND

Revenues generated from state recycling efforts fund costs of the State Recycling Program. Revenues vary from year to year primarily due to market fluctuations. In the past five years, mixed office paper reimbursement rates have ranged from \$0 per ton to \$195 per ton. Costs associated with the program include recycling bins, printing, promotional items, conferences and training. Excess revenues over costs are transferred to the Department of Social Services, Division of Family Services' Energy Assistance Program pursuant to RSMo 34.032. The Energy Assistance Program provides financial assistance to low-income Missourians for heating their homes during winter months. The State Recycling Program has transferred a total of \$75,000 to the Energy Assistance Program since its inception.

RECYCLING FUND SUMMARY

Fiscal Year	Revenues	Program Costs	Funds Transferred
1991	\$10,262	\$4,974	
1992	\$4,920	\$8,053	
1993	\$8,110	\$6,493	
1994	\$9,074	\$7,104	
1995	\$31,148	\$8,397	\$20,000
1996	\$47,638	\$13,123	\$20,000
1997	\$24,038	\$6,299	\$20,000
1998	\$25,801	\$12,712	\$15,000
1999	\$7,804	\$10,442	
2000	\$26,443	\$12,967	
Total	\$195,238	\$90,564	\$75,000

RECYCLING COLLECTION

In FY99 central Missouri State agencies saw significant changes in the collection of mixed office paper under a new recycling services contract. The definition of mixed office paper was broadened to include low-grade paper items. This change was initiated to help alleviate space/sorting issues and eliminate confusion associated with sorting various grades and types of paper.

The State once again supported Missouri Recycles Day and America Recycles Day by organizing a series of "Clean Your Files" events. Over 46 tons of mixed office paper were collected at "Clean Your Files" events.

Materials recovered for reuse or recycling are quantified on page 11. This information was compiled from data submitted by the recycling services contractor as well as from the individual state departments.

Some of the FY00 amounts are less than FY99 amounts. However, OA/DPMM believes this is due to a lack of reporting collection amounts by some of the state departments.

TOTAL MATERIALS RECOVERED

ITEM	UNIT OF MEASURE	FY98	FY99	FY00
Container, Glass	Lbs.	2,475	218	663
TOTAL GLASS	Lbs.	2,475	218	663
Aluminum	Lbs.	142,774	54,062	45,304
Scrap Metal	Lbs.	522,061	662,500	199,084
TOTAL METALS	Lbs.	664,835	716,562	244,388
Books, Bound Publications	Lbs.	10,620		
Corrugated Cardboard	Lbs.	193,887	328,720	233,535
Magazines	Lbs.	13,586	7,062	14,860
Mixed Office Paper	Lbs.	2,234,587	2,281,426	2,899,981
Telephone Books	Lbs.	22,420	49,901	18,095
Newsprint	Lbs.	16,582	15,337	16,530
TOTAL PAPERS	Lbs.	2,491,682	2,682,446	3,183,001
Mixed Plastic	Lbs.	3,267	6,893	883
TOTAL PLASTIC	Lbs.	3,267	6,893	883
Antifreeze	Gal.	136	5,660	5,160
Gasoline	Gal.	3,844		
Diesel Fuel	Gal.	492		
Paint	Gal.			100
Oil, Used Motor	Gal.	72,045	66,210	51,058
Solvent	Gal.		37	
TOTAL OTHER	Gal.	76,517	71,907	56,318
Textiles	Lbs.		1,000	
TOTAL OTHER	Lbs.		1,000	
Batteries, Lead Acid	Each	1,625	1,936	2,771
Batteries, Ni-Cd & NiMH	Each	728	4,311	3,841
CD Roms	Each			50
Diskettes	Each			1,700
Film	Each			20
Fluorescent Lamps	Each	29,780	13,500	26,691
Oil Filters	Each	720	500	900
Pallets	Each	4,444	11,860	3,750
Tires	Each	561,124	540,856	68,660
Toner Cartridges	Each	6,830	2,457	3,189
Tyvek Envelopes	Each			700
Videocassette Tapes	Each	582	2,805	
TOTAL OTHER	Each	605,833	578,225	112,272

ENVIRONMENTALLY PREFERABLE PROCUREMENT

State agencies continue to struggle to meet statutory procurement goals as set forth in RSMo. 34.032. Accurate tracking and reporting of purchases plays an important role in determining our progress in meeting these goals. Cost, availability and quality of recycled materials are also obstacles restricting purchases of recycled goods according to state agency personnel.

FY00 procurement amounts were obtained from the new statewide financial management system (SAM II). In addition, each department was asked to report purchases of EP products or services that would not have been captured through SAM II.

Procurement amounts for FY00 are considerably less than prior years' amounts. Depending on the document type used by state agencies to process payments in the SAM II system, purchases by commodity/service code (which is how EP purchases are identified) may not be available. In these situations, EP purchase amounts must be obtained from purchasing agents in individual state agencies.

OA/DPMM continues to promote recycled content items available on statewide contracts through a series of fact sheets distributed to state agency personnel and Cooperative Procurement Program members. Displays of recycled content items were showcased at various events such as workshops and "Clean Your Files" events.

PAPER PRODUCTS

Paper is the most common recycled product purchased by state agencies. Most printing, office paper and course paper products can be purchased through statewide contracts that enable state agencies to purchase these paper products at low, consistent prices.

Some of these contracts offer both EP products and non-EP product alternatives. Departments are encouraged to purchase the EP product alternative whenever feasible.

The following attainment goals as established in RSMo 34.032 identify the percentage of paper products to be purchased that contain post-consumer recovered materials:

- | | |
|--|--------------------------------|
| (1) Ten percent in 1991 and 1992 | (3) Forty percent in 1995; and |
| (2) Twenty-five percent in 1993 and 1994 | (4) Sixty percent by 2000 |

The table below shows the dollar value and percentage of total recycled paper purchases by category for FY98, FY99 and FY00.

Paper	FY98			FY99			FY00		
	EPP PURCHASES	TOTAL CATEGORY PURCHASES	EPP PURCHASES AS % OF OVERALL PRODUCT CATEGORY	EPP PURCHASES	TOTAL CATEGORY PURCHASES	EPP PURCHASES AS % OF OVERALL PRODUCT CATEGORY	EPP PURCHASES	TOTAL CATEGORY PURCHASES	EPP PURCHASES AS % OF OVERALL PRODUCT CATEGORY
Fine Paper Products (Office, Copy, Fax)	\$3,551,494	\$ 5,465,576	65%	\$3,246,961	\$5,813,835	56%	\$1,604,239	\$5,270,661	30%
Course Paper Products (Napkins, Towels, Tissues)	1,966,746	2,397,397	82%	1,488,588	1,905,638	78%	979,068	1,341,050	73%
Forms (Continuous & Snap Out)	511,773	2,802,356	18%	40,691	2,278,312	2%	148,758	920,364	16%
Envelopes (Plain or Printed)	280,944	2,372,361	12%	403,983	1,241,348	33%	57,415	979,825	6%
Printing by Contractors (40% of Total Charge)*	370,026	1,374,567	27%	446,043	2,413,826	18%	316,883	3,204,774	10%
TOTAL	\$6,680,983	\$14,412,257	46%	\$5,626,266	\$13,652,959	41%	\$3,106,363	11,716,674	27%

*Expenditures for printing services are not included with direct expenditures for paper because printing charges by commercial contractors generally include other costs associated with printing such as labor, equipment, operations, design, binding and artwork. After consulting with several commercial printers, OA/DPM determined that 40% of the total printing charge was a reasonable estimate of the paper cost alone.

NON-PAPER PRODUCTS

The table below summarizes FY00 purchases of recycled non-paper products as compared to FY98 and FY99 purchases. This information is based on the annual report surveys submitted by each department and procurement figures obtained from SAM II.

ITEM	FY98	FY99	FY00
	PURCHASES	PURCHASES	PURCHASES
Bituminous Concrete	\$12,000,000	\$12,000,000	
Emulsified Asphalt	\$12,000,000	\$10,000,000	\$10,000,000
Road Material (Not Asphalt)			\$8,125,000
Asphalt Products			\$1,929
Glass Beads	\$200	\$8,000,000	\$2,875,825
Lead Mining Chat		\$125,000	
Traffic Cones	\$55		
Alternate Fuel Vehicles	\$1,228,804	\$2,437,235	\$730,790
Alternate Fuels		\$45,000	\$9,982
Re-refined Oil	\$5,000	\$5,000	\$5,000
Petroleum Products			\$12,629
Tires, Re-Tread	\$80,271	\$90,000	\$63,230
Vehicle Maintenance Supplies	\$1,782	\$50	\$2,865
Anti-Freeze	\$173	\$28,583	\$5,000
Paint	\$5,340,699	\$5,003,000	\$32,000
Aluminum Sheeting	\$556,800	\$913,877	\$667
Low Mercury Fluorescent Bulbs	\$116,052	\$100,800	\$102,951
Corrugated Cardboard	\$91,735	\$94,506	\$2,344
Office Supplies	\$76,267	\$112,900	\$230,138
Copy Machine Supplies			\$1,859
Ink & Toner Cartridges	\$37,593	\$56,615	\$17,992
Remanufactured Office Machines			\$6,341
Office Furniture			\$5,646
Computer Supplies			\$951
Plastic Lumber	\$8,122	\$5,929	\$5,283
Building & Construction			\$17
Lottery Tickets	\$66,960	\$69,304	\$302,982
Pallets & Skids			\$18,766
Promotional Supplies	\$25,976	\$42,962	\$50,563
Barrels & Containers	\$8,934	\$2,467	\$2,000
Janitorial & Cleaning Supplies	\$145	\$394,552	\$528,129
Signs	\$100	\$3,000,000	\$3,001,500
Playground Surfacing		\$111,010	
Park & Playground Equipment			\$6,904
TOTAL PURCHASES	\$31,645,668	\$42,638,790	\$26,149,283

FISCAL YEAR 2001 GOALS

Listed below are goals established for the State Recycling Program for fiscal year 2001.

1. **Promote recycling, waste reduction and recycled product procurement through education and training.**
2. **Decrease the amount of landfilled State waste by increasing recycling collection and waste reduction efforts.**
3. **Promote purchases of environmentally preferable products and services.**
4. **Monitor the state's waste stream to determine the effectiveness of our recycling and waste reduction efforts.**
5. **Maintain, promote, and enhance information regarding the State Recycling Program on DPMM's Internet home page. Add basic guidelines for commonly recycled items.**
6. **Improve tracking procedures for purchases of environmentally preferable products and services (i.e. develop and distribute tracking forms to MIRC).**
7. **Update and maintain a database of all state agencies and their recycling efforts.**
8. **Establish contracts for recycling services for both Kansas City and St. Louis area state agencies.**
9. **Conduct "Clean Your Files" events to support Missouri Recycles Day.**
10. **Develop a State Recycling Program brochure for use in various promotional applications such as new employee orientation.**
11. **Identify opportunities in the state's current waste hauling services contract that will provide incentives for recycling and waste reduction efforts. Require periodic reviews by agencies to ensure the state is not paying for unnecessary pickups.**

Identify language and terms (i.e. voided warranties, etc.) in OA/DPMM statewide contracts that discourage the use of recycled, recharged, remanufactured or other environmentally preferable products (printer/fax/copier contracts, supplies, and services contracts).
12. **Reorganize and restructure the MIRC committee. Continue with sub-committee tasks.**

STATE DEPARTMENT RECYCLING EFFORTS

Listed below are figures for FY00 recycling collection and environmentally preferable (EP) purchases as reported by each department.

Recycling Collection – These amounts do not include materials such as aluminum and mixed office paper collected by the contractor in Boone, Cole and Callaway counties. Departments reported additional materials recovered or materials recovered outside the contracted area.

Attorney General

MATERIALS RECOVERED
Central Mo. region included in
State collection totals -
No additional figures reported.

ENVIRONMENTALLY PREFERABLE PURCHASES
Fine Paper Products \$29,050
Office Supplies 1,197
Bags & Liners 123
TOTAL \$30,370

Office of the State Auditor

MATERIALS RECOVERED
Central Mo. region included in
State collection totals -
No additional figures reported.

ENVIRONMENTALLY PREFERABLE PURCHASES
Printer & Toner Cartridges \$605
Office Supplies 96
TOTAL \$701

Office of the Secretary of State

MATERIALS RECOVERED
Mixed Office Paper 296,100 lbs.

ENVIRONMENTALLY PREFERABLE PURCHASES
Course Paper Products \$502
Fine Paper Products 253
Corrugated Boxes & Sheets 61
TOTAL \$816

Office of the State Treasurer

MATERIALS RECOVERED
Central Mo. region included in
State collection totals -
No additional figures reported.

ENVIRONMENTALLY PREFERABLE PURCHASES
Fine Paper Products \$68
TOTAL \$68

Supreme Court

MATERIALS RECOVERED
Central Mo. region included in
State collection totals -
No additional figures reported.

ENVIRONMENTALLY PREFERABLE PURCHASES
Office Furniture \$3,264
Course Paper Products 1,042
Fine Paper Products 210
TOTAL \$4,516

Office of Administration**MATERIALS RECOVERED**

Batteries, Lead Acid	720 ea.
Batteries, NiCd & NIMH	418 ea.
Corrugated Cardboard	4,000 lbs.
Fluorescent Lamps	22,923 ea.
Ink & Toner Cartridges	390 ea.
Office Paper	4,000 lbs.
Oil	6,000 gal.
Telephone Books	500 lbs.
Tires	2,400 ea.
Tyvek Envelopes	300 ea.

ENVIRONMENTALLY PREFERABLE PURCHASES

Course Paper Products	\$74,199
Fine Paper Products	52,128
Office Supplies	17,263
Printing	15,489
Promotional	1,896
Corrugated Cardboard	1,564
Janitorial Supplies	500
Bags & Liners	207
Printer & Toner Cartridges	60
TOTAL	\$163,306

Dept. of Agriculture**MATERIALS RECOVERED**

Aluminum	50 lbs.
Cardboard	8,000 lbs.
Pallets	50 ea.
Printer & Toner Cartridges	11 ea.
Telephone Books	500 lbs.
Straw & Manure - 1,700 tons composted	

ENVIRONMENTALLY PREFERABLE PURCHASES

Alternate Fuel Vehicles	\$239,066
Tires, Recapped	211
Fine Paper Products	177
Alternate Fuels	124
TOTAL	\$239,578

Dept. of Conservation**MATERIALS RECOVERED**

Aluminum Cans	2,350 lbs.
Antifreeze	80 gal.
Batteries (Lead Acid)	222 ea.
Batteries (NiCd & NIMH)	345 ea.
Corrugated Cardboard	37,165 lbs.
Fluorescent Lamps	800 ea.
Glass	403 lbs.
Ink & Toner Cartridges	268 ea.
Magazines & Catalogs	7,483 ea.
Mixed Office Paper	130,374 lbs.
Newsprint	4,354 lbs.
Oil Filters	300 ea.
Oil (Motor)	4,533 gal.
Paint	40 gal.
Pallets	35 ea.
Plastic	200 lbs.
Scrap Metal	3,500 lbs.
Telephone Books	2,940 lbs.
Tires	1,260 ea.

ENVIRONMENTALLY PREFERABLE PURCHASES

Fine Paper Products	\$846,739
Forms & Publications	146,790
Printing	107,684
Course Paper Products	15,190
Plastic Bags & Liners	2,259
Asphalt Products	1,929
Office Supplies	236
TOTAL	\$1,120,827

Dept. of Corrections**MATERIALS RECOVERED**

Aluminum	29,108 lbs.
Antifreeze	80 gal.
Batteries, Lead Acid	29 ea.
Batteries, NiCd & NIMH	236 ea.
Corrugated Cardboard	56,250 lbs.
Fluorescent Lamps	140 ea.
Ink & Toner Cartridges	264 ea.
Office Paper	20,740 lbs.
Oil	525 gal.
Paint	60 ea.
Pallets	655 ea.
Scrap Metal	18,340 lbs.
Steel	30,000 lbs.
Telephone Books	1,220 ea.
Tires	1,735 ea.

ENVIRONMENTALLY PREFERABLE PURCHASES

Course Paper Products	\$696,254
Bags & Liners	54,602
Fine Paper Products	52,711
Pallets & Skids	14,810
Office Supplies	12,452
Tires, Recapped	2,711
Alternative Fuels	262
Office Machines, Re-Manufactured	193
Printing	125
TOTAL	\$834,120

Dept. of Economic Development**MATERIALS RECOVERED**

Central Mo. region included in
State collection totals -
No additional figures reported.

ENVIRONMENTALLY PREFERABLE PURCHASES

Printing	\$37,186
Fine Paper Products	4,163
Course Paper Products	1,023
TOTAL	\$42,372

Dept. of Elementary & Secondary Education**MATERIALS RECOVERED**

Central Mo. region included in
State collection totals -
No additional figures reported.

ENVIRONMENTALLY PREFERABLE PURCHASES

Fine Paper Products	\$ 54,004
Course Paper Products	13,203
Alternate Fuel Vehicles	30,752
Printer & Fax Cartridges	4,038
Recycling Equipment	3,973
Bags & Liners	1,549
Office Supplies	1,302
Office Machines, Re-Manufactured	245
TOTAL	\$109,066

Dept. of Health**MATERIALS RECOVERED**

Pallets	250 ea.
Printer & Toner Cartridges	500 ea.
State Directories	800 lbs.
Telephone Books	850 lbs.

ENVIRONMENTALLY PREFERABLE PURCHASES

Fine Paper Products	\$35,024
Course Paper Products	12,972
Office Machines, Re-Manufactured	3,485
Office Supplies	900
Bags & Liners	540
TOTAL	\$52,921

Dept. of Higher Education**MATERIALS RECOVERED**

Central Mo. region included in
State collection totals -
No additional figures reported.

ENVIRONMENTALLY PREFERABLE PURCHASES

Fine Paper Products	\$4,453
TOTAL	\$4,453

Dept. of Insurance**MATERIALS RECOVERED**

Telephone Books 600 lbs.

ENVIRONMENTALLY PREFERABLE PURCHASES

Envelopes	\$7,053
Office Supplies	1,197
Course Paper Products	270
Fine Paper Products	137
TOTAL	\$8,657

Dept. of Labor & Industrial Relations**MATERIALS RECOVERED**

Fluorescent Lamps	2,732 ea.
Ink & Toner Cartridges	600 ea.
Pallets	260 ea.
Scrap Metal	150 lbs.

ENVIRONMENTALLY PREFERABLE PURCHASES

Fine Paper Products	\$69,450
TOTAL	\$69,450

Dept. of Mental Health**MATERIALS RECOVERED**

Aluminum	400 lbs.
Corrugated Cardboard	106,700 lbs.
Magazines & Catalogs	3,757 lbs.
Newsprint	5,611 lbs.
Office Paper	44,072 lbs.
Plastic	558 lbs.
Steel	16,053 lbs.

ENVIRONMENTALLY PREFERABLE PURCHASES

Fine Paper Products	\$107,551
Course Paper Products	53,597
Alternate Fuel Vehicles	23,539
Bags & Liners	11,916
Office Supplies	4,537
Forms	903
Office Machines, Re-Manufactured	643
Printing	368
Computer Supplies	162
Printer & Toner Cartridges	115
Copy Machine Supplies	110
Recycling Equipment	85
Fluorescent Lamps, Low Mercury	61
Tires, Re-capped	15
TOTAL	\$203,602

Dept. of Natural Resources**MATERIALS RECOVERED**

Aluminum	2,466 lbs.
Batteries, NiCD & NIMH	42 ea.
CD ROMs	50 ea.
Corrugated Cardboard	4,930 lbs.
Diskettes	1,700 ea.
Film	20 ea.
Fluorescent Lamps	96 ea.
Glass	260 lbs.
Ink & Toner Cartridges	129 ea.
Magazines & Catalogs	3,605 lbs.
Newsprint	3,095 lbs.
Office Paper	17,515 lbs.
Plastic	125 lbs.
Steel	41 lbs.
Telephone Books	1,500 lbs.
Tyvek Envelopes	400 ea.

ENVIRONMENTALLY PREFERABLE PURCHASES

Promotional Items	\$41,842
Course Paper Products	30,473
Fine Paper Products	24,791
Envelopes	19,504
Park & Playground Equip	6,904
Printing	6,531
Bags & Liners	5,968
Auto Supplies	2,585
Lumber	2,075
Alternate Fuels	1,889
Signs	1,500
Printer & Toner Cartridges	1,114
Fluorescent Lamps, Low Mercury	856
Office Machines, Re-Manufactured	413
Petroleum Products	9
TOTAL	\$146,454

Dept. of Public Safety**MATERIALS RECOVERED**

Central Mo. region included in
 State collection totals -
 No additional figures reported

ENVIRONMENTALLY PREFERABLE PURCHASES

Alternate Fuel Vehicles	\$98,042
Printing	97,239
Fine Paper Products	49,216
Course Paper Products	41,044
Office Supplies	7,980
Printer & Toner Cartridges	6,587
Envelopes	4,854
Fencing	3,208
Fluorescent Lamps, Low Mercury	2,034
Promotional Items	2,025
Corrugated Boxes & Sheets	719
Tires, Recapped	293
TOTAL	\$313,241

Dept. of Revenue**MATERIALS RECOVERED**

Office Paper (Tax Forms) 480,000 lbs.

ENVIRONMENTALLY PREFERABLE PURCHASES

Lottery Tickets	\$302,982
Printing	44,011
Alternate Fuel Vehicles	33,230
Course Paper Products	9,429
Office Supplies	3,218
Fine Paper Products	2,862
Bags & Liners	247
TOTAL	\$395,979

Dept. of Social Services**MATERIALS RECOVERED**

Aluminum	445 lbs.
Corrugated Cardboard	75 lbs.
Ink & Toner Cartridges	15 ea.
Magazines & Catalogs	15 lbs.
Newsprint	3,470 lbs.
Office Paper	1,356 lbs.
Steel Cans	1,000 lbs.
Telephone Books	370 lbs.

ENVIRONMENTALLY PREFERABLE PURCHASES

Fine Paper Products	\$269,256
Office Supplies	29,760
Course Paper Products	24,661
Printing	7,849
Recycling Equipment	4,812
Printer & Fax Cartridges	2,600
Forms	1,000
Alternate Fuels	600
Cleaning Supplies	100
TOTAL	\$340,638

Dept. of Transportation**MATERIALS RECOVERED**

Aluminum	485 lbs.
Antifreeze (converted to permanent)	5,000 gal.
Batteries, Lead-Acid	1,800 ea.
Batteries, Ni-Cd & Ni-MH	2,800 ea.
Ink & Toner Cartridges	1,250 ea.
Oil	40,000 gal.
Oil Filters	600 ea.
Pallets	2,500 ea.
Scrap Metal – Aluminum	30,000 lbs.
Scrap Metal – Steel	100,000 lbs.
Telephone Books	3,500 lbs.
Tires	65,000 ea.

ENVIRONMENTALLY PREFERABLE PURCHASES

Emulsified Asphalt	\$10,000,000
Road Material (not Asphalt)	8,125,000
Signs (Recycled in house)	3,000,000
Glass Beads	2,875,825
Janitorial Supplies	450,000
Alternate Fuel Vehicles	306,161
Office Supplies	150,000
Fluorescent Lamps, Low Mercury	100,000
Tires, Retread	60,000
Paints & Lacquers	32,000
Envelopes	26,004
Petroleum Products	12,620
Alternate Fuels	7,107
Course Paper Products	5,209
Anti-freeze	5,000
Re-refined Oil	5,000
Promotional Items	4,800
Pallets & Skids	3,956
Printer & Toner Cartridges	2,873
Office Furniture	2,382
Barrels & Containers	2,000
Fine Paper Products	1,996
Copy Machine Supplies	1,749
Office Machines, Re-Manufactured	1,362
Computer Supplies	789
Reclaimed Aluminum	667
Printing	400
Auto Supplies	280
Bags & Liners	118
Forms	65
Building & Construction	17
TOTAL	\$25,183,380